

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-2 REV. C AND EARLIER,
INSTALLATION INSTRUCTIONS D350-607-3 REV. A AND EARLIER, AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607 REV. 4 AND EARLIER

REF. TCCA STC: SH94-14

REF. FAA STC: SR00213NY

REF. EASA STC: EASA.10016996

REF. ANAC STC'S: 2007S03-03/04-05/-06

1.0 PURPOSE:

It has come to DART's attention that the webbing strands of the cargo net riveted to the structure of the lightweight lids on D350-607-443/447-543/-547 Heli-Utility-Baskets at CHG 004 and earlier may pull through the small washer and rivet head and detach during operation.

The purpose of this service instruction is to provide parts and instructions to replace the NAS1149DN416J Washers and MS20600AD4W3 Rivets fastening the webbing strands of the cargo net onto the structure of the lightweight lids with NAS1149DN949J Washers and MS20600AD4W4 Rivets.

Note: This change has been incorporated at a manufacturing level on D350-607-443/447-543/-547 Heli-Utility-Baskets at CHG 005 and subsequent and on D350-607-417/-419 Lightweight Lid Kits at CHG 003 and subsequent.

2.0 PROCEDURE:

- 2.1 Carefully remove existing rivets and washers attaching the webbing to the lid frame without enlarging holes in the webbing or the lid frame.
- 2.2 Inspect the basket lid structure in accordance with ICA-D350-607. It is acceptable to inject Sikaflex -241/-291 or Proseal 890 or MIL-S-8802 Class B2 sealant into the lid structure to trap rivet debris inside the tubular structure. Repair and touch up finish as required.
- 2.3 Inspect the D4029-041 Webbing (long basket) or D4029-043 Webbing (short basket) for wear. The maximum acceptable hole size is Ø0.188" (4.8 mm). Replace the webbing if holes are larger than Ø0.188" (4.8 mm) or if the webbing is worn or cuts have been found.
- 2.4 Re-install the webbing as shown in Figure 1 of this service instruction

Note: It is acceptable to upsize rivets to MS20600AD5W4 (customer supplied) and enlarge the holes in the basket lid structure to Ø0.156" (3.96 mm) if holes were enlarged at Step 2.1.

3.0 PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		DSI 9657-011	WASHER CHANGE (LONG LID)
	X	DSI 9657-013	WASHER CHANGE (SHORT LID)
34	30	MS20600AD4W4	BLIND RIVET
34	30	NAS1149DN949J	WASHER

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-0-01	
APPROVED	
BY:	D. SHEPHERD (DE # 02)
DATE:	13.06.06
CERT. NO.:	SH94-14
ISSUE NO.:	5

A	NEW ISSUE	MB	13.06.06
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9657	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WASHER CHANGE	NTS
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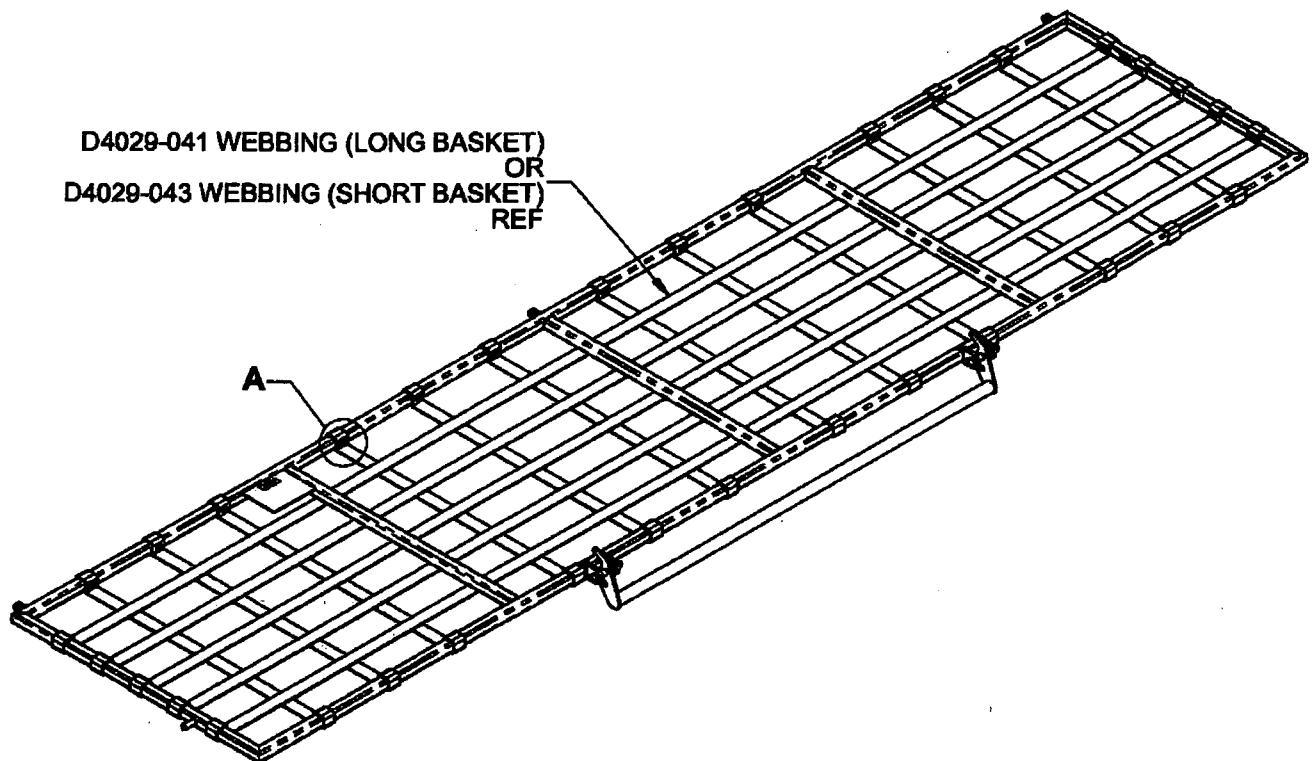
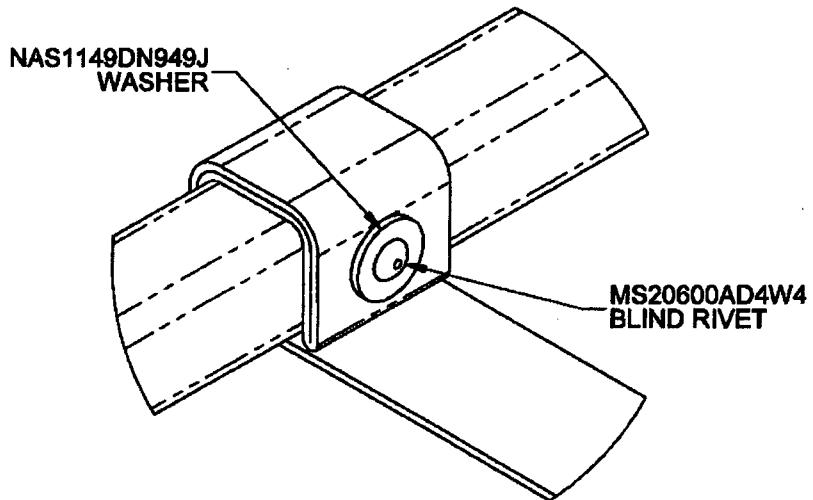


FIGURE 1: D3915-041 LONG BASKET LID ASSY (LIGHT WEIGHT)
D4019-041 SHORT BASKET LID ASSY (LIGHT WEIGHT)



DETAIL A: RIVET/WASHER REPLACEMENT

34 PL ON D3915-041, 30 PL ON D4019-041

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	13.06.06
CERT. NO.:	SH94-14
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DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. DSI 9657 REV. A SHEET 2 OF 2 TITLE WASHER CHANGE SCALE NTS
DRAWN	<i>[Signature]</i>	
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